

COMMUNICATIONS SYSTEM AND METHOD

ABSTRACT

5       A communications system (1) includes a plurality of  
nodes (2). Each node (2) has receiving means for receiving  
a signal transmitted by wireless transmitting means;  
transmitting means for wireless transmission of a signal;  
and, means for determining if a signal received by said  
10 node (2) includes information for another node (2) and  
causing a signal including said information to be  
transmitted by said transmitting means to another node (2)  
if said received signal includes information for another  
node (2). Each node (2) has one or more substantially  
15 unidirectional point-to-point wireless transmission links  
(3). At least some of the nodes (2) have plural  
substantially unidirectional point-to-point wireless  
transmission links (3). Each of said links (3) is to one  
other node only (2). Each node (2) is arranged such that  
20 transmission or reception of a signal at any particular  
frequency by a node (2) takes place on only one link (3) at  
a time.